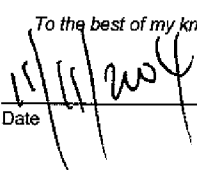
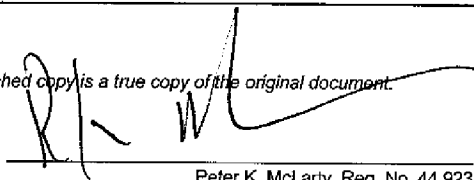


FORM PTO-1595		U.S. Department of Commerce Patent and Trademark Office	
RECORDATION FORM COVER SHEET PATENTS ONLY			
TI-38766			
To the Commissioner for Patents. Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Montray Leavy Stephan Grunow Satyavolu S. Papa Rao Noel M. Russell		2. Name and Address of receiving party(ies): Name: TEXAS INSTRUMENTS INCORPORATED Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: Leavy, Grunow, Russell 07/28/2004; Papa Rao 09/08/2004			
4. Application number(s) or patent number(s). Execution date of the application: Leavy, Grunow, Russell 07/28/2004; Papa Rao 09/08/2004 Title: Partial Plate Anneal Plate Process for Deposition of Conductive Fill Material Docket No: TI-38766 A. Patent Application No.(s) S.N. 10/901,857 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Peter K. McLarty, Reg. No. 44,923 Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265		6. Number of applications and patents involved: <u> (1) </u> 7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit Account No: 20-0668 (Attach duplicate copy if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"> Date <u>11/11/2004</u></div><div style="width: 45%; text-align: right;"> Peter K. McLarty, Reg. No. 44,923</div></div> Total Number of Pages Including Cover Sheet, Attachments and Document: <u> 5 </u>			

CH \$40.00 200668 10901857

Attorney Docket No. TI-38766

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NEW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.


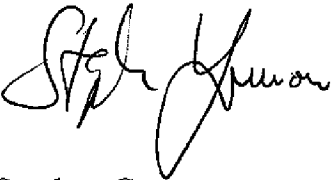
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

PATENT
REEL: 015372 FRAME: 0765


TI-38766

Assignment

Page 2 of 3

TITLE OF INVENTION	PARTIAL PLATE ANNEAL PLATE PROCESS FOR DEPOSITION OF CONDUCTIVE FILL MATERIAL	
SIGNATURE OF INVENTOR AND NAME	 Montray Leavy	 Stephan Grunow
DATE	7/28/04	7/28/04
RESIDENCE (CITY AND STATE)	8805 Falcon Crest Drive McKinney, Texas 75070	7601 Churchill Way, Apt. #1032 Dallas, Texas 75251
DATE APPLICATION EXECUTED	7/28/04	7/28/04

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Assignment
Page 3 of 3


TITLE OF INVENTION	PARTIAL PLATE ANNEAL PLATE PROCESS FOR DEPOSITION OF CONDUCTIVE FILL MATERIAL	
SIGNATURE OF INVENTOR AND NAME	 Satyavolu S. Papa Rao	Noel M. Russell
DATE	9/8/2004	
RESIDENCE (CITY AND STATE)	7013 Woodsprings Drive Garland, Texas 75044	1916 Uplands Drive Plano, Texas 75025
DATE APPLICATION EXECUTED	9/8/2004	

After recording, return Assignment to: Peter McLarty, Esq.
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

TI-38766

Assignment

Page 3 of 3

TITLE OF INVENTION	PARTIAL PLATE ANNEAL PLATE PROCESS FOR DEPOSITION OF CONDUCTIVE FILL MATERIAL	
SIGNATURE OF INVENTOR AND NAME	Satyavolu S. Papa Rao	 Noel M. Russell
DATE		7/28/2004
RESIDENCE (CITY AND STATE)	7013 Woodsprings Drive Garland, Texas 75044	1916 Uplands Drive Plano, Texas 75025
DATE APPLICATION EXECUTED		7/28/2004

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